

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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Application Number	National Stage of PCT/JP2003/016197
Confirmation Number	Unknown 2906
Filing Date	June 16, 2005
First Named Inventor	Takashi FUJIKAWA
Art Unit	Unknown 1793
Examiner Name	Hailey
Attorney Docket Number	Q88448

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/LH/		EP	0 496 592	A1	07/29/1992	SUMITOMO METAL MINNING COMPANY LIMITED	
/LH/		JP	2001-62301	A	03/13/2001	COSMO RESEARCH INSTITUTE	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
/LH/		HIDEKI KOBE, ET AL, "ALUMINA TANJI NIMO SHOKUBAI NI OKERU P TENKA KOKA NO KAIMEI", DAI 32 KAI SEKIYU SEKIYU KAGAKU TORONKAI KOEN YOSI, October 11, 2000, pages 160-161	
/LH/		INTERNATIONAL SEARCH REPORT dated April 13, 2004	

Examiner Signature

/Patricia Hailey/

Date Considered

10/29/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO DEC 19 2006 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<i>Complete if Known</i>	
		Application Number	10/539,400
		Confirmation Number	2906
		Filing Date	June 16, 2005
		First Named Inventor	Takashi FUJIKAWA
		Art Unit	1754 / 1793
		Examiner Name	Not yet assigned Hailey
		Attorney Docket Number	Q88448
Sheet	1	of	1

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		Number	Kind Code <sup>2</sup> (if known)		
/LH/		US 5,232,888	A	08/03/1993	Kamo
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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
/LH/		Nan-Yu TOPSØE et al, "Characterization of the Structures and Active Sites in Sulfided Co-Mo/Al <sub>2</sub> O <sub>3</sub> and Ni-Mo/Al <sub>2</sub> O <sub>3</sub> Catalysts by NO Chemisorption" (1983) Journal of Catalysis, Vol. 84, pp. 386-401	
/LH/		E. Payen et al., "Morphology Study of MoS <sub>2</sub> - and WS <sub>2</sub> - Based Hydrotreating Catalysts by High-Resolution Electron Microscopy" (1994) Journal of Catalysis, Vol. 147, pp. 123-132	
/LH/		Chinese Office Action dated September 29, 2006	Yes

Examiner Signature	/Patricia Hailey/	Date Considered	10/29/2007
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